


		NTSB ID: ANC01LA037		Aircraft Registration Number: N36266	
		Occurrence Date: 02/16/2001		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Fairbanks		State AK	Zip Code 99709	Local Time 1500	Time Zone AST
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Bellanca		Model/Series 7GCBC		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On February 16, 2001, about 1500 Alaska standard time, a ski equipped Bellanca 7GCBC airplane, N36266, sustained substantial damage during landing on a frozen lake, about 15 miles south of Fairbanks, Alaska. The airplane was being operated as a visual flight rules (VFR) local area instructional flight when the accident occurred. The airplane is registered to the student pilot. The commercial certificated pilot/flight instructor, and the student pilot, were not injured. Visual meteorological conditions prevailed. A VFR flight plan was filed. The flight originated at the Fairbanks International Airport, Fairbanks, about 1400.</p> <p>During a telephone conversation with the National Transportation Safety Board (NTSB) investigator-in-charge (IIC), on February 20, 2001, the flight instructor reported the accident flight was the first flight with the student. The flight departed Fairbanks with the instructor seated in the front seat. He flew to an area along the Tanana River where he had previously conducted numerous takeoff and landings. The flight instructor demonstrated a variety of aerial maneuvers, and then landed on a frozen lake. The lake was covered with about two feet of snow. The instructor performed two additional takeoff and landings and then stopped. He placed the student pilot in the front seat and got into the rear seat. The instructor had the student taxi the airplane and then perform several takeoff and landings. The flight instructor then took over the flight controls and landed at a different lake, establishing a new set of ski landing tracks in the snow. The student pilot then performed two additional takeoff and landings. On the third landing approach to the new location, the airplane was established on a normal glide path. About 2 to 4 feet above the ground, the student suddenly pushed forward on the control stick and applied almost full right rudder. The instructor was unable to prevent the airplane from colliding with the snow in a nose down attitude. The airplane nosed over and received damage to the wings, wing spars, lift struts, and vertical stabilizer.</p>					
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		Occurrence Date: 02/16/2001			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: NONE					
VFR Approach/Landing: Full Stop					
Aircraft Information					
Aircraft Manufacturer Bellanca		Model/Series 7GCBC		Serial Number 560-73	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Ski; Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	1650 LBS	Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Lycoming	Model/Series: O-320-A2B	Rated Power: 150 HP		
- Aircraft Inspection Information					
Type of Last Inspection Annual	Date of Last Inspection 02/10/2001	Time Since Last Inspection 2 Hours	Airframe Total Time 1648 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner Bill L. Barney		Street Address 191 Reynolds Rd.			
		City Fairbanks	State AK	Zip Code 99712	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Instructional					
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First Pilot Information																																																																																						
Name On File			City On File		State On File	Date of Birth On File	Age 47																																																																															
Sex: M	Seat Occupied: Rear		Principal Profession: Police			Certificate Number: On File																																																																																
Certificate(s): Flight Instructor; Commercial; Private																																																																																						
Airplane Rating(s): Single-engine Land; Single-engine Sea																																																																																						
Rotorcraft/Glider/LTA: None																																																																																						
Instrument Rating(s): Airplane																																																																																						
Instructor Rating(s): Airplane Single-engine																																																																																						
Type Rating/Endorsement for Accident/Incident Aircraft? No					Current Biennial Flight Review? 08/27/2000																																																																																	
Medical Cert.: Class 2		Medical Cert. Status: Valid Medical--w/ waivers/lim.				Date of Last Medical Exam: 08/22/2000																																																																																
<table border="1"> <thead> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td>6020</td> <td>30</td> <td>6020</td> <td>0</td> <td>30</td> <td>120</td> <td>80</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>6000</td> <td>30</td> <td>6000</td> <td>0</td> <td>25</td> <td>100</td> <td>80</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td>460</td> <td>30</td> <td>460</td> <td>0</td> <td>10</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>58</td> <td>1</td> <td>58</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>35</td> <td>1</td> <td>35</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	6020	30	6020	0	30	120	80				Pilot In Command(PIC)	6000	30	6000	0	25	100	80				Instructor	460	30	460	0	10	0	0				Last 90 Days	58	1	58								Last 30 Days	35	1	35								Last 24 Hours										
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Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed? No		Second Pilot? Yes																																																																															
Flight Plan/Itinerary																																																																																						
Type of Flight Plan Filed: VFR																																																																																						
Departure Point		State		Airport Identifier		Departure Time		Time Zone																																																																														
Fairbanks		AK		PAFA		1400		AST																																																																														
Destination		State		Airport Identifier																																																																																		
Local Flight																																																																																						
Type of Clearance: None																																																																																						
Type of Airspace: Class G																																																																																						
Weather Information																																																																																						
Source of Briefing: Flight Service Station																																																																																						
Method of Briefing: In Person																																																																																						

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		Occurrence Type: Accident			

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation <div style="text-align: right;">Ft. MSL</div>	WOF Distance From Accident Site <div style="text-align: right;">NM</div>	Direction From Accident Site <div style="text-align: right;">Deg. Mag.</div>
Sky/Lowest Cloud Condition: Scattered			6000 Ft. AGL		Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 50 SM	Altimeter: "Hg
Temperature: -7 °C	Dew Point: °C	Wind Direction:		Density Altitude: Ft.	
Wind Speed: Calm	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage:		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot				1	1
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				2	2
Other Ground					
- GRAND TOTAL -				2	2

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	Occurrence Date: 02/16/2001	
	Occurrence Type: Accident	
Administrative Information		
<p>Investigator-In-Charge (IIC)</p> <p>Scott Erickson</p>		
<p>Additional Persons Participating in This Accident/Incident Investigation:</p> <p>Jim Porter Air Safety Inspector FAA-AL-FAI FSDO 01 6450 Airport Way, Suite #2 Fairbanks, AK 99709</p>		
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